

=> File .Biotech
=> s (cyclic saccharide)
L1 24 (CYCLIC SACCHARIDE)

=> s l1 and (cycloamylose)
L2 0 L1 AND (CYCLOAMYLOSE)

=> s (cycloamylose)
L3 247 (CYCLOAMYLOSE)

=> s l1 and l3
L4 0 L1 AND L3

=> s l1 and detergent
L5 0 L1 AND DETERGENT

=> s L1 and (detergent?)
L6 0 L1 AND (DETERGENT?)

=> s l3 and (detergent?)
L7 6 L3 AND (DETERGENT?)

=> d l7 1-6 bib ab

L7 ANSWER 1 OF 6 MEDLINE
AN 2001091873 MEDLINE
DN 20565537 PubMed ID: 11113453

TI **Cycloamylose** as an efficient artificial chaperone for protein refolding.

AU Machida S; Ogawa S; Xiaohua S; Takaha T; Fujii K; Hayashi K

CS National Food Research Institute, Tsukuba, Ibaraki, Japan..
lili@nfri.affrc.go.jp

SO FEBS LETTERS, (2000 Dec 8) 486 (2) 131-5.
Journal code: EUH. ISSN: 0014-5793.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200101

ED Entered STN: 20010322

Last Updated on STN: 20010322

Entered Medline: 20010125

AB High molecular weight cyclic alpha-1,4-glucan (referred to as **cycloamylose**) exhibited an artificial chaperone property toward three enzymes in different categories. The inclusion properties of **cycloamylose** effectively accommodated **detergents**, which keep the chemically denatured enzymes from aggregation, and promoted proper protein folding. Chemically denatured citrate synthase was refolded and completely recovered its enzymatic activity after dilution with polyoxyethylenesorbitan buffer followed by **cycloamylose** treatment. The refolding was completed within 2 h, and the activity of the refolded citrate synthase was quite stable. **Cycloamylose** also promoted the refolding of denatured carbonic anhydrase B and denatured lysozyme of a reduced form.

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS
AN 2001:776963 CAPLUS

DN 135:315403
 TI **Cycloamylose** with high degree of polymerization works as an
 artificial chaperone. Protein refolding method with high applicability
 AU Machida, Sachiko; Hayashi, Kiyoshi
 CS Food Res. Inst., Japan
 SO Kagaku to Seibutsu (2001), 39(10), 640-642
 CODEN: KASEAA; ISSN: 0453-073X
 PB Gakkai Shuppan Senta
 DT Journal; General Review
 LA Japanese
 AB A review with refs., on the protein refolding with high-mol.-wt. cyclic
 .alpha.-1,4-glucan (**cycloamylose**) after diln. with
detergents (Tween 40, Tween 60, CTAB, and SB3-14, etc.).

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:875207 CAPLUS
 DN 134:189654
 TI **Cycloamylose** as an efficient artificial chaperone for protein
 refolding
 AU Machida, S.; Ogawa, S.; Xiaohua, S.; Takaha, T.; Fujii, K.; Hayashi, K.
 CS National Food Research Institute, Tsukuba, Ibaraki, 305-8642, Japan
 SO FEBS Lett. (2000), 486(2), 131-135
 CODEN: FEBLAL; ISSN: 0014-5793
 PB Elsevier Science B.V.
 DT Journal
 LA English
 AB High mol. wt. cyclic .alpha.-1,4-glucan (referred to as
cycloamylose) exhibited an artificial chaperone property toward
 three enzymes in different categories. The inclusion properties of
cycloamylose effectively accommodated **detergents**, which
 keep the chem. denatured enzymes from aggregation, and promoted proper
 protein folding. Chem. denatured citrate synthase was refolded and
 completely recovered it's enzymic activity after diln. with
 polyoxyethylenesorbitan buffer followed by **cycloamylose**
 treatment. The refolding was completed within 2 h, and the activity of
 the refolded citrate synthase was quite stable. **Cycloamylose**
 also promoted the refolding of denatured carbonic anhydrase B and
 denatured lysozyme of a reduced form.

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2002 ACS
 AN 1996:740260 CAPLUS
 DN 126:9479
 TI Environmentally friendly nontoxic water-soluble cleaning compositions for
 release of polymers from surfaces
 IN Sakata, Shigenobu
 PA Sakata Shigenobu, Japan
 SO Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08239693	A2	19960917	JP 1995-81645	19950302
AB	The compns. comprise Na chondroitinsulfate (I), cyclodextrin (II), xanthan gum (III), xylan, xylose, Na pantothenate (IV), Na pyruvate (V), Na				

erythorbate (VI), 4-isopropyltropone (VII), H₂O, benzyl alc. (VIII), and iso-PrOH and optionally contain monosaccharides, polysaccharides, antioxidants, lactic acids, preservatives, bactericides, secondary alcs., higher alcs., amino alcs., and/or microorganisms. An aq. soln. contg.

70% mixt. of I .ltoreq.25, xylan 0.1-0.5, xylose 0.1-0.5, glucose 0.1-0.5,

III 0.1-0.5, II 1-3, VII 0.01-0.05, IV 1-5, V 1-5, VI 1-5, 10% VIII, and 20% iso-PrOH exhibited good polymer release properties on contacting a polymer coating on a metal surface with the soln. for 5-10 min at room temp.

L7 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2001:186304 BIOSIS
 DN PREV200100186304
 TI **Cycloamylose** as an efficient artificial chaperone for protein refolding.
 AU Machida, Sachiko (1); Ogawa, Setsuko; Xiaohua, Shi; Takaha, Takeshi; Fujii, Kazutoshi; Hayashi, Kiyoshi
 CS (1) National Food Research Institute, Tsukuba, Ibaraki, 305-8642: lili@nfri.affrc.go.jp Japan
 SO FEBS Letters, (8 December, 2000) Vol. 486, No. 2, pp. 131-135. print. ISSN: 0014-5793.
 DT Article
 LA English
 SL English
 AB High molecular weight cyclic alpha-1,4-glucan (referred to as **cycloamylose**) exhibited an artificial chaperone property toward three enzymes in different categories. The inclusion properties of **cycloamylose** effectively accommodated **detergents**, which keep the chemically denatured enzymes from aggregation, and promoted proper protein folding. Chemically denatured citrate synthase was refolded and completely recovered it's enzymatic activity after dilution with polyoxyethylenesorbitan buffer followed by **cycloamylose** treatment. The refolding was completed within 2 h, and the activity of the refolded citrate synthase was quite stable. **Cycloamylose** also promoted the refolding of denatured carbonic anhydrase B and denatured lysozyme of a reduced form.

L7 ANSWER 6 OF 6 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 2000431198 EMBASE
 TI **Cycloamylose** as an efficient artificial chaperone for protein refolding.
 AU Machida S.; Ogawa S.; Xiaohua S.; Takaha T.; Fujii K.; Hayashi K.
 CS S. Machida, National Food Research Institute, Tsukuba, Ibaraki 305-8642, Japan. lili@nfri.affrc.go.jp
 SO FEBS Letters, (8 Dec 2000) 486/2 (131-135).
 Refs: 31
 ISSN: 0014-5793 CODEN: FEBLAL
 PUI S 0014-5793(00)02258-4
 CY Netherlands
 DT Journal; Article
 FS 029 Clinical Biochemistry
 LA English
 SL English
 AB High molecular weight cyclic .alpha.-1,4-glucan (referred to as **cycloamylose**) exhibited an artificial chaperone property toward

three enzymes in different categories. The inclusion properties of **cycloamylose** effectively accommodated **detergents**, which keep the chemically denatured enzymes from aggregation, and promoted proper protein folding. Chemically denatured citrate synthase was refolded and completely recovered its enzymatic activity after dilution with polyoxyethylenesorbitan buffer followed by **cycloamylose** treatment. The refolding was completed within 2 h, and the activity of the refolded citrate synthase was quite stable. **Cycloamylose** also promoted the refolding of denatured carbonic anhydrase B and denatured lysozyme of a reduced form. (C) 2000 Federation of European Biochemical Societies.

=> s l3 and (polyoxyethyl?)
L8 9 L3 AND (POLYOXYETHYL?)

=> s l1 and l9
L9 NOT FOUND
The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l1 and l8
L9 0 L1 AND L8

=> d l8 1-9 bib ab

L8 ANSWER 1 OF 9 MEDLINE
AN 2001091873 MEDLINE
DN 20565537 PubMed ID: 11113453
TI **Cycloamylose** as an efficient artificial chaperone for protein refolding.
AU Machida S; Ogawa S; Xiaohua S; Takaha T; Fujii K; Hayashi K
CS National Food Research Institute, Tsukuba, Ibaraki, Japan..
lili@nfri.affrc.go.jp
SO FEBS LETTERS, (2000 Dec 8) 486 (2) 131-5.
Journal code: EUH. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200101
ED Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20010125
AB High molecular weight cyclic alpha-1,4-glucan (referred to as **cycloamylose**) exhibited an artificial chaperone property toward three enzymes in different categories. The inclusion properties of **cycloamylose** effectively accommodated detergents, which keep the chemically denatured enzymes from aggregation, and promoted proper protein folding. Chemically denatured citrate synthase was refolded and completely recovered its enzymatic activity after dilution with **polyoxyethylenesorbitan** buffer followed by **cycloamylose** treatment. The refolding was completed within 2 h, and the activity of the refolded citrate synthase was quite stable. **Cycloamylose** also

promoted the refolding of denatured carbonic anhydrase B and denatured lysozyme of a reduced form.

L8 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2002 ACS
AN 2001:704745 CAPLUS
DN 135:253494
TI Kit for artificial chaperon
IN Machida, Sachiko; Hayashi, Kiyoshi
PA Ministry of Agriculture, Forestry and Fisheries of Japan, National Food Research Institute, Japan; Seibutsu Kei Tokutei Sangyo Gijutsu Kenkyu Suishin Kiko
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001261697	A2	20010926	JP 2000-71533	20000315
AB	A kit for artificial chaperon is provided, which is capable of rewinding				

a protein for which it is difficult or impossible to take a proper conformation without a help by a mol. chaperon due to its low spontaneous folding ability into a proper conformation within a short time, and furthermore, making it fold as an active form. The kit contains a cyclic carbohydrate, **cycloamylose**, and a **polyoxyethylene**-type surfactant or an ionic surfactant.. In this method of rewinding a protein into a proper conformation and making it fold as an active form, a substance causing a denatured state to the protein is dild. by adding a specific surfactant to the denatured protein, and the protein is prevented from the aggregation due to self-assocn. Then, **cycloamylose** is added to remove the surfactant using its inclusion ability.

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2002 ACS
AN 2000:875207 CAPLUS
DN 134:189654
TI **Cycloamylose** as an efficient artificial chaperone for protein refolding
AU Machida, S.; Ogawa, S.; Xiaohua, S.; Takaha, T.; Fujii, K.; Hayashi, K.
CS National Food Research Institute, Tsukuba, Ibaraki, 305-8642, Japan
SO FEBS Lett. (2000), 486(2), 131-135
CODEN: FEBLAL; ISSN: 0014-5793
PB Elsevier Science B.V.
DT Journal
LA English
AB High mol. wt. cyclic .alpha.-1,4-glucan (referred to as **cycloamylose**) exhibited an artificial chaperone property toward three enzymes in different categories. The inclusion properties of **cycloamylose** effectively accommodated detergents, which keep the chem. denatured enzymes from aggregation, and promoted proper protein folding. Chem. denatured citrate synthase was refolded and completely recovered it's enzymic activity after diln. with **polyoxyethylenesorbitan** buffer followed by **cycloamylose** treatment. The refolding was completed within 2 h, and the activity of the refolded citrate synthase was quite stable. **Cycloamylose** also promoted the refolding of denatured carbonic anhydrase B and denatured lysozyme of a reduced form.

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

- L8 ANSWER 4 OF 9 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2001:186304 BIOSIS
 DN PREV200100186304
 TI **Cycloamylose** as an efficient artificial chaperone for protein refolding.
 AU Machida, Sachiko (1); Ogawa, Setsuko; Xiaohua, Shi; Takaha, Takeshi; Fujii, Kazutoshi; Hayashi, Kiyoshi
 CS (1) National Food Research Institute, Tsukuba, Ibaraki, 305-8642: lili@nfri.affrc.go.jp Japan
 SO FEBS Letters, (8 December, 2000) Vol. 486, No. 2, pp. 131-135. print. ISSN: 0014-5793.
 DT Article
 LA English
 SL English
 AB High molecular weight cyclic alpha-1,4-glucan (referred to as **cycloamylose**) exhibited an artificial chaperone property toward three enzymes in different categories. The inclusion properties of **cycloamylose** effectively accommodated detergents, which keep the chemically denatured enzymes from aggregation, and promoted proper protein folding. Chemically denatured citrate synthase was refolded and completely recovered it's enzymatic activity after dilution with **polyoxyethylenesorbitan** buffer followed by **cycloamylose** treatment. The refolding was completed within 2 h, and the activity of the refolded citrate synthase was quite stable. **Cycloamylose** also promoted the refolding of denatured carbonic anhydrase B and denatured lysozyme of a reduced form.
- L8 ANSWER 5 OF 9 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 2000431198 EMBASE
 TI **Cycloamylose** as an efficient artificial chaperone for protein refolding.
 AU Machida S.; Ogawa S.; Xiaohua S.; Takaha T.; Fujii K.; Hayashi K.
 CS S. Machida, National Food Research Institute, Tsukuba, Ibaraki 305-8642, Japan. lili@nfri.affrc.go.jp
 SO FEBS Letters, (8 Dec 2000) 486/2 (131-135).
 Refs: 31
 ISSN: 0014-5793 CODEN: FEBLAL
 PUI S 0014-5793(00)02258-4
 CY Netherlands
 DT Journal; Article
 FS 029 Clinical Biochemistry
 LA English
 SL English
 AB High molecular weight cyclic .alpha.-1,4-glucan (referred to as **cycloamylose**) exhibited an artificial chaperone property toward three enzymes in different categories. The inclusion properties of **cycloamylose** effectively accommodated detergents, which keep the chemically denatured enzymes from aggregation, and promoted proper protein folding. Chemically denatured citrate synthase was refolded and completely recovered it's enzymatic activity after dilution with **polyoxyethylenesorbitan** buffer followed by **cycloamylose** treatment. The refolding was completed within 2 h, and the activity of the

refolded citrate synthase was quite stable. **Cycloamylose** also promoted the refolding of denatured carbonic anhydrase B and denatured lysozyme of a reduced form. (C) 2000 Federation of European Biochemical Societies.

L8 ANSWER 6 OF 9 USPATFULL
AN 2001:71074 USPATFULL
TI Self-tanning dihydroxyacetone formulations having improved stability
and providing enhanced delivery
IN Stroud, Eric M., Bayonne, NJ, United States
Scott, John A., Succasunna, NJ, United States
PA Schering-Plough HealthCare Products, Inc., Memphis, TN, United States
(U.S. corporation)
PI US 6231837 B1 20010515
AI US 2000-552437 20000418 (9)
RLI Continuation of Ser. No. US 1998-92340, filed on 5 Jun 1998, now
abandoned
PRAI US 1997-48903 19970606 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Dodson, Shelley A.
LREP Franks, Robert A.
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1780
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A composition is provided which is useful for self-tanning skin
coloring
and is characterized by improved stability, which comprises from about
0.5% to about 20.0% by weight, based on total weight of said
composition, of a self-tanning skin coloring agent subject to chemical
instability, which is preferably dihydroxyacetone; from about 2.0% to
about 40.0% by weight of a polyethoxyglycol, which is preferably
ethoxydiglycol; and from about 0.1% to about 15.0% by weight of a
polyol
comprising a polyhydric compound having at least three hydroxyl groups
and at least three carbon atoms, which is preferably D-sorbitol. The
self-tanning composition may further optionally contain from about 0.1%
to about 8.0% by weight of a water soluble dihydroxyl compound having
at
least two, and up to eight carbon atoms, which is preferably ethylene
glycol; and the self-tanning composition may still further optionally
contain an acidifying agent in amount sufficient to maintain the pH of
said total composition at from about 3.5 to about 4.5, which is
preferably sorbic acid. Cosmetologic products and methods of tanning
are
also provided.

L8 ANSWER 7 OF 9 USPATFULL
AN 2000:27361 USPATFULL
TI Multicolor ink set and ink jet recording method
IN Yui, Toshitake, Minami-Ashigara, Japan
Suzuki, Atsushi, Minami-Ashigara, Japan
Ichizawa, Nobuyuki, Minami-Ashigara, Japan
Yamashita, Kunichi, Minami-Ashigara, Japan
Hashimoto, Ken, Minami-Ashigara, Japan
PA Fuji Xerox Co., Ltd., Tokyo, Japan (non-U.S. corporation)

PI US 6033463 20000307
AI US 1998-61151 19980416 (9)
PRAI JP 1997-103526 19970421
DT Utility
FS Granted
EXNAM Primary Examiner: Klemanski, Helene
LREP Oliff & Berridge, PLC
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1518

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multicolor ink set includes a black ink including at least a water-insoluble coloring material in which a carboxylic acid structure or a carboxylate salt structure is exposed to the surface, water, and a water-soluble organic solvent, and having a surface tension at 20.degree. C. of from 30 to 60 mN/m, and a color ink including at least one or more water-soluble coloring material selected from cyan, magenta and yellow, water, and a water-soluble organic solvent, having a surface

tension at 20.degree. C. of from 20 to 50 mN/m and lower than that of the black ink, and 50% by weight or more of the water-soluble coloring material has a solubility in water at 20.degree. C. of 10% by weight or less.

L8 ANSWER 8 OF 9 USPATFULL
AN 96:38598 USPATFULL
TI Skin tanning compositions and methods for their preparation and use
IN Lentini, Peter J., Glen Oaks, NY, United States
Zecchino, Julius R., Closter, NJ, United States
PA Estee Lauder, Inc., New York, NY, United States (U.S. corporation)
PI US 5514367 19960507
AI US 1994-203148 19940228 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Ore, Dale R.
LREP Pennie & Edmonds
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 486

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel cosmetic compositions for artificially tanning the skin utilizing skin tanning agents and cyclodextrins. The compositions are exceptionally stable and reduce the odor associated with the reaction between skin tanning agents such as dihydroxyacetone and the skin.

L8 ANSWER 9 OF 9 USPATFULL
AN 74:51463 USPATFULL
TI INSECTICIDAL AND ACARICIDAL COMPOSITION AND PROCESS FOR CONTROLLING PESTS
IN Mifune, Akira, Tokyo, Japan
Katsuda, Yoshio, Nishinomiya, Japan
Yoneda, Toyoaki, Tokyo, Japan
PA Teijin Limited, Osaka, Japan (non-U.S. corporation)
Dai Nihon Jochugiku Co. Ltd., Osaka, Japan (non-U.S. corporation)
PI US 3846551 19741105
AI US 1973-416666 19731116 (5)

PRAI JP 1972-115678 19721120
DT Utility
FS Granted
EXNAM Primary Examiner: Roberts, Elbert L.
LREP Sherman & Shalloway
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 679

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An insecticidal and acaricidal composition comprising a pesticidal amount of an interacted compound of a pyrethroid with a cyclodextrin and a diluent or carrier, and a process for controlling pests using said composition.

=> s 13 and (chaperon kit)
L10 0 L3 AND (CHAPERON KIT)

=> s chaperon kit
L11 0 CHAPERON KIT

=> s 13 and (chaperon).
L12 1 L3 AND (CHAPERON)

=> d 112 bib ab

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 2001:704745 CAPLUS

DN 135:253494

TI Kit for artificial **chaperon**

IN Machida, Sachiko; Hayashi, Kiyoshi

PA Ministry of Agriculture, Forestry and Fisheries of Japan, National Food Research Institute, Japan; Seibutsu Kei Tokutei Sangyo Gijutsu Kenkyu Suishin Kiko

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001261697	A2	20010926	JP 2000-71533	20000315

AB A kit for artificial **chaperon** is provided, which is capable of rewinding a protein for which it is difficult or impossible to take a proper conformation without a help by a mol. **chaperon** due to its low spontaneous folding ability into a proper conformation within a short time, and furthermore, making it fold as an active form. The kit contains

a cyclic carbohydrate, **cycloamylose**, and a polyoxyethylene-type surfactant or an ionic surfactant. In this method of rewinding a protein into a proper conformation and making it fold as an active form, a substance causing a denatured state to the protein is dild. by adding a specific surfactant to the denatured protein, and the protein is prevented

from the aggregation due to self-assocn. Then, **cycloamylose** is added to remove the surfactant using its inclusion ability.

=> FIL STNGUIDE
FILE 'STNGUIDE' ENTERED AT 15:01:43 ON 25 JAN 2002
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jan 24, 2002 (20020124/UP).

=> s l3 and (ionic detergent)
0 (CYCLOAMYLOSE)
1 IONIC
0 DETERGENT
0 IONIC DETERGENT
 (IONIC(W) DETERGENT)
L13 0 L3 AND (IONIC DETERGENT)

=> s l1 and (ionic detergent)
0 CYCLIC
0 SACCHARIDE
0 (CYCLIC SACCHARIDE)
 (CYCLIC(W) SACCHARIDE)
1 IONIC
0 DETERGENT
0 IONIC DETERGENT
 (IONIC(W) DETERGENT)
L14 0 L1 AND (IONIC DETERGENT)

=> s l3 and (citrate synthase or CS or carbonic anhydrase B or CAB or
lysozyme)
0 (CYCLOAMYLOSE)
0 CITRATE
0 SYNTHASE
0 CITRATE SYNTHASE
 (CITRATE(W) SYNTHASE)
159 CS
0 CARBONIC
0 ANHYDRASE
32 B
0 CARBONIC ANHYDRASE B
 (CARBONIC(W) ANHYDRASE(W) B)
1 CAB
0 LYSOZYME
L15 0 L3 AND (CITRATE SYNTHASE OR CS OR CARBONIC ANHYDRASE B OR CAB
OR LYSOZYME)

=> s l1 and (citrae sybthase or CS)
0 CYCLIC
0 SACCHARIDE
0 (CYCLIC SACCHARIDE)
 (CYCLIC(W) SACCHARIDE)
0 CITRAE
0 SYBTHASE
0 CITRAE SYBTHASE
 (CITRAE(W) SYBTHASE)
159 CS
L16 0 L1 AND (CITRAE SYBTHASE OR CS)

```
=> s l3 and (ionic detergent)
      0 (CYCLOAMYLOSE)
      1 IONIC
      0 DETERGENT
      0 IONIC DETERGENT
      (IONIC(W) DETERGENT)
L17      0 L3 AND (IONIC DETERGENT)
```

```
=> s ionic detergent
      1 IONIC
      0 DETERGENT
L18      0 IONIC DETERGENT
      (IONIC(W) DETERGENT)
```

```
=> d his
```

```
(FILE 'HOME' ENTERED AT 14:53:00 ON 25 JAN 2002)
```

```
FILE 'MEDLINE, CAPLUS, BIOSIS, BIOTECHDS, EMBASE, USPATFULL, WPIDS'
ENTERED AT 14:53:46 ON 25 JAN 2002
```

```
L1      24 S (CYCLIC SACCHARIDE)
L2      0 S L1 AND (CYCLOAMYLOSE)
L3      247 S (CYCLOAMYLOSE)
L4      0 S L1 AND L3
L5      0 S L1 AND DETERGENT
L6      0 S L1 AND (DETERGENT?)
L7      6 S L3 AND (DETERGENT?)
L8      9 S L3 AND (POLYOXYETHYL?)
L9      0 S L1 AND L8
L10     0 S L3 AND (CHAPERON KIT)
L11     0 S CHAPERON KIT
L12     1 S L3 AND (CHAPERON)
```

```
FILE 'STNGUIDE' ENTERED AT 15:01:43 ON 25 JAN 2002
```

```
L13     0 S L3 AND (IONIC DETERGENT)
L14     0 S L1 AND (IONIC DETERGENT)
L15     0 S L3 AND (CITRATE SYNTHASE OR CS OR CARBONIC ANHYDRASE B OR CA
L16     0 S L1 AND (CITRAE SYBTHASE OR CS)
L17     0 S L3 AND (IONIC DETERGENT)
L18     0 S IONIC DETERGENT
```

```
=> s chaperon
```

```
L19     0 CHAPERON
```

```
=> s l3 and (kit)
```

```
      0 (CYCLOAMYLOSE)
      0 KIT
L20     0 L3 AND (KIT)
```

```
=>
```

```
---Logging off of STN---
```

```
=>
```

```
Executing the logoff script...
```

=> LOG Y

STN INTERNATIONAL LOGOFF AT 15:08:33 ON 25 JAN 2002